

AttriX Improves Fleet Resilience and Productivity with Samsung's Rugged Device Solutions

AttriX leverages Samsung's Galaxy Tab Active5, Galaxy Tab Active4 Pro, and Galaxy XCover6 Pro devices to deliver efficient telematics solutions for fleet management in challenging environments across North America.

ABOUT ATTRIX

AttriX Telematics Corporation

Founded in Quebec, [AttriX](#) specializes in telematics solutions for the Heavy Duty Transportation, Logistics, Public Works, and Government sectors. By 2025, AttriX will have connected over 60,000 vehicles, supporting clients from individual operators to extensive fleets and enabling them to streamline operations through its advanced telematics solutions.

Overview

Every day, drivers and operators rely on AttriX's devices to perform critical tasks under demanding conditions, from severe temperatures to remote locations. To ensure drivers have the tools they need, AttriX partnered with Samsung to provide rugged devices that enhance productivity and provide a secure means to support its operations.

Technology Highlights

Galaxy Tab Active5 (DX5 Terminal) and Galaxy Tab Active4 Pro (DX4 Pro Terminal)

- IP68-rated¹ water and dust resistance, MIL-STD-810H² certification, providing resilience against drops and rough handling
- Glove Mode for ease of use in severe cold, enabling drivers to operate the device without removing gloves
- No Battery Mode for continuous in-vehicle power and swappable batteries minimize downtime on extended trips, further enhancing productivity

¹ IP68 rating means that the device is protected against ingress of dust, and of static freshwater at up to 1.5 meters for up to 30 minutes, under certain defined test conditions. Individual results may vary. IP68 rating does not mean that the device is waterproof. Not advised for beach or pool use. Rinse residue/dry after wet.

² This device passed military specification (MIL-STD-810H, a United States Military Standard) testing against a subset of 21 specific environmental conditions, including temperature, dust, shock/vibration, and low pressure/high altitude. Real world usage varies from the specific environmental conditions used in MIL-STD-810H testing. Samsung does not guarantee device performance in all extreme conditions.

- 5G and Wi-Fi 6 connectivity supports real-time access to telematics data for constant fleet operations
- High-resolution cameras enable document scanning and data capture to streamline operations

Customer Needs

AttriX's clients operate under challenging conditions and require robust equipment to support their operations. Changing weather, rough handling, and constant travel demand devices that can withstand rugged conditions while providing secure, real-time data access for seamless telematics integration. Additionally, drivers need support for key compliance and workflow tasks, such as pre-trip inspections and documentation, without compromising operational continuity. A device that is rugged, user-friendly, and designed to operate efficiently in various environments is essential to meet these demands and improve overall fleet productivity.

Built for Tough Conditions

AttriX partnered with Samsung to implement the Galaxy Tab Active5 and Galaxy Tab Active4 Pro devices designed to endure challenging environments. With IP68-rated¹ water and dust resistance and MIL-STD-810H certification², these rugged tablets withstand frequent drops, severe temperatures, and rough handling, all common in the heavy-duty transportation industry. Glove Mode allows drivers to operate the devices without removing their gloves, simplifying pre-trip inspections and other essential tasks, especially in cold weather. Additionally, No Battery Mode enables continuous power via vehicle connection, ensuring devices stay active during extended trips and shifts.

Reliable Connectivity and Data Management for Real-Time Operations

The Galaxy Tab Active5 and Galaxy Tab Active4 Pro, equipped with 5G and Wi-Fi 6 capabilities, provide drivers with seamless access to telematics data and fleet management applications. In areas where connectivity is limited, these tablets' processing power allows them to save data locally, ensuring that critical information is securely stored and accessible until a connection is restored. And high-resolution cameras on the tablets enable drivers to capture and store documents as they work, streamlining reporting processes by allowing data to be uploaded automatically when connectivity resumes. These features facilitate real-time fleet monitoring and efficient route planning, even in challenging network conditions.



Operational Efficiency with Streamlined IT Management

Samsung's remote management capabilities allow AttriX to handle firmware and security updates seamlessly, keeping each device secure without requiring on-site IT support. Swappable batteries maximize device uptime by allowing quick battery replacements during long shifts, allowing for continuous device operation in demanding fleet environments. Remote updates keep each device up-to-date, enabling fleet managers to focus on optimizing operations rather than managing software.

Result

AttriX's deployment of Samsung's Galaxy Tab Active5 and Galaxy Tab Active4 Pro devices has given users access to tools that allow them to enhance their security, and productivity in their unique operational settings. Prior to the integration of these devices, the AttriX faced challenges impacting their daily operations. The rugged design and efficient power management of the Galaxy Tab Active5 and Galaxy Tab Active4 Pro helped to solve these issues, reducing downtime, boosting driver productivity, and supporting real-time data access in challenging environments.

With Samsung's rugged devices, AttriX meets evolving telematics needs by enhancing workflows, optimizing routes, and increasing efficiency. By working with Samsung products, AttriX empowers its clients with dependable, industry-specific technology.

Quote

“Samsung’s rugged devices have become essential tools for our clients, enabling them to operate efficiently in the toughest conditions. The Galaxy Tab Active5 and Galaxy Tab Active4 Pro give our clients the adaptability and connectivity they need.”

— Anthony Mainville, founder and CEO of AttrIX

For more information about Samsung Rugged devices visit:

<https://www.samsung.com/ca/business/mobile/rugged/>